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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 4 — 3 — April, 1967

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1967, averaged 89,778 barrels daily, a decrease of 1,951 barrels from the average March production of 91,729.

The nine refineries in state processed 82,564 barrels of crude oil daily for the month of April, 1967, a decrease of 17,790 barrels from the 100,354 barrels processed daily during the month of March, 1967.

During April, 28 wells were completed, 4 oil, 3 gas wells and 21 dry holes.

During April, the commission issued 26 permits to drill new wells, a decrease of 11 from the 37 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1967

IN STORAGE APRIL 1st	
By Producers	345,817
By Transporters	1,086,767
By Refiners	636,377
TOTAL STORAGE	2,068,961
Produced in Montana During Month	2,693,356
Imported During Month	1,595,213
TOTALS	6,357,530
DISPOSITION:	
Refined in Montana	2,476,941
Exported	1,523,684
Used for Fuel or Lost	5,620
TOTAL	4,006,245
IN STORAGE APRIL 30th	
By Producers	365,634
By Transporters	1,189,697
By Refiners	795,954
TOTAL STORAGE	2,351,285

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	85,559
Bowdoin	180,347
Bowes	44,244
Cabin Creek	106,941
Cedar Creek	183,749
Cut Bank (Including Reagan)	794,358
Devon	0
Dry Creek	34,899
Elk Basin	111,257
Flat Coulee	5,841
Gold Butte	4,565
Golden Dome	0
Grandview	19,092
Hardin	3,765
Keith Block	368,364
Kevin Sunburst	67,159
Lake Basin	107,373
Middle Butte	820
Mt. Lilly	0
Pine	66,260
Plevna	12,552
Utopia	118,370
Whitlash	99,598
Miscellaneous	147,494
TOTAL	2,562,607

Total withdrawals for April, 1966 were 2,401,287 M. Cu. Ft.

PRODUCERS REPORT—MONTH OF APRIL, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	273	4,586	.....	4,469	.....	390
....	Bannatyne	....	476	.....	.....	.....	.....	476
6	Bear's Den	7	2,213	1,282	.....	1,122	.....	2,373
1	Benrud	1	718	1,459	1,151	.....	.....	1,026
1	Benrud East	1	486	7,918	7,722	.....	.....	682
1	Benrud Northeast	1	719	14,434	14,436	.....	.....	717
1	Berthelote	1	397	358	.....	.....	.....	755
6	Big Wall	22	2,055	28,738	29,919	.....	.....	874
4	Blackfoot	5	1,825	3,081	1,685	1,038	.....	2,183
....	Blackfoot East	....	40	.....	.....	.....	.....	40
3	Border	5	.....	2,206	.....	2,206	.....	.....
1	Bowes	53	7,764	11,130	9,481	.....	.....	9,413
2	Bradley	2	936	853	587	.....	.....	1,202
....	Brady	....	616	.....	.....	.....	.....	616
....	Bynum	....	**219**	.....	.....	.....	.....	219
2	Cabin Creek	102	6,922	267,029	266,958	.....	.....	6,993
16	Cat Creek	88	2,525	13,720	9,771	3,336	141	2,997
1	Clark's Fork	1	111	237	.....	319	.....	29
1	Conrad South	2	662	1,217	1,217	.....	.....	662
1	Cupton	1	1,151	328	.....	.....	.....	1,479
181	Cut Bank	986	92,826	277,829	269,024	1,297	63	100,271
2	Deer Creek	3	1,332	3,127	3,080	.....	.....	1,379
1	Delphia	1	405	27	.....	.....	.....	432
1	Devil's Basin	1	761	156	.....	158	.....	759
....	Dry Creek	....	69	.....	.....	.....	.....	69
14	Dwyer	15	5,084	21,861	22,229	.....	10	4,706
4	Elk Basin	57	1,973	239,065	239,356	.....	.....	1,682
5	Elk Basin Northwest	13	1,855	13,100	13,180	.....	.....	1,775
2	Fairview	2	976	15,422	.....	15,304	.....	1,094
3	Fertile Prairie	3	948	2,344	.....	2,271	.....	1,021
24	Flat Coulee	31	5,838	18,280	18,670	.....	.....	5,448
37	Flat Lake	54	5,392	93,425	90,674	.....	.....	8,143
1	Flat Lake South	1	723	1,660	2,068	.....	.....	315
2	Frannie	2	.....	863	863	.....	.....	.....
18	Fred & George Creek	36	2,860	90,534	90,005	.....	.....	3,389
2	Gage	2	788	248	.....	248	.....	788
....	Gage Southwest	....	4	.....	.....	.....	.....	4
4	Gas City	23	7,630	19,822	20,214	.....	.....	7,238
8	Glendive	12	1,600	50,990	36,218	12,436	.....	3,936
20	Goose Lake	24	4,501	57,598	56,952	.....	.....	5,147
9	Graben Coulee	25	4,876	7,527	5,596	1,085	.....	5,722
....	Grandview	....	528	.....	.....	.....	.....	528
4	Gypsy Basin	6	1,505	972	.....	.....	336	2,141
1	Hibbard	1	261	247	.....	.....	.....	508
6	Ivanhoe	10	1,745	10,957	10,552	.....	122	2,028
9	Keg Coulee	27	4,333	20,362	20,984	.....	.....	3,711
3	Keg Coulee North	3	1,690	1,536	1,803	.....	.....	1,423
1	Kelley	2	793	13,468	13,727	.....	.....	534
87	Kevin Sunburst	558	18,087	25,365	23,996	1,128	505	17,823
1	Little Beaver	29	81	30,944	30,615	.....	329	81
2	Little Beaver East	13	3,285	19,688	20,328	.....	.....	2,645
2	Lodge Grass	2	1,644	3,143	.....	2,788	.....	1,999
24	Lookout Butte	78	4,526	139,515	139,884	.....	107	4,050
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	642	1,405	1,561	.....	.....	486
2	Melstone	4	817	2,394	2,649	.....	.....	562
1	Mineral Bench	1	448	1,354	1,137	.....	.....	665
2	Miner's Coulee	5	548	1,900	.....	1,907	.....	541
7	Monarch	13	4,740	26,139	26,642	.....	.....	4,237
4	Mosser	4	.....	615	.....	615	.....	.....
6	Outlook	11	7,714	32,701	32,701	.....	.....	7,714
2	Outlook South	2	1,315	2,191	2,250	.....	.....	1,256
2	Outlook West	2	801	4,504	1,483	2,422	40	1,360
70	Pennel	118	7,793	166,671	168,272	.....	.....	6,192
3	Pine	131	16,851	322,494	321,703	.....	.....	17,642
3	Pole Creek	4	846	979	.....	586	.....	1,239
66	Pondera	282	7,408	26,540	23,948	.....	37	9,963
1	Pondera Coulee	1	.....	145	145	.....	.....	.....
4	Poplar East	70	10,833	60,580	62,545	.....	.....	8,868
4	Poplar Northwest	5	2,404	1,154	1,103	.....	.....	2,455
....	Prairie Elk	....	799	.....	.....	.....	.....	799
4	Ragged Point	13	2,895	14,081	14,894	.....	.....	2,082
4	Ranch Creek	4	1,401	2,809	.....	2,467	3	1,740
1	Rattlesnake Coulee	1	**717**	795	952	.....	.....	560
4	Reagan	42	1,191	18,518	18,653	.....	.....	1,056
1	Red Creek	27	.....	27,189	27,189	.....	.....	.....
1	Red Fox	1	.....	7,200	6,725	.....	.....	475
1	Redstone	1	566	5,011	4,617	.....	.....	960
1	Repeat	1	360	1,885	.....	1,696	.....	549
1	Reserve	1	2,022	6,581	.....	6,981	.....	1,622
1	Richey	1	997	525	702	.....	.....	820
6	Richey Southwest	8	1,414	8,884	.....	9,263	.....	1,035
6	Sand Creek	9	1,800	13,889	13,271	.....	.....	2,418
1	Shotgun Creek	1	225	914	.....	496	.....	643
3	Sidney-Brorson	3	1,282	3,497	.....	2,954	.....	1,825
1	Smoke Creek	1	1,002	3,228	.....	3,024	.....	1,206
2	Snyder	4	1,283	1,066	.....	866	.....	1,483
5	Soap Creek	16	2,184	6,211	.....	5,408	.....	2,987
1	Spring Lake	1	2,602	1,625	.....	1,043	.....	3,184
2	Stensvad	24	4,492	34,636	34,894	.....	.....	4,234
29	Sumatra	94	11,860	64,094	8,324	54,930	.....	12,700
5	Tule Creek	7	2,461	38,652	38,443	.....	.....	2,670
2	Tule Creek East	2	493	22,195	22,410	.....	.....	278
2	Tule Creek South	2	2,636	7,098	.....	7,027	19	2,688
2	Vida	2	1,056	2,285	.....	2,499	.....	842
4	Volt	6	4,256	17,912	18,507	.....	.....	3,661
1	Weed Creek	1	391	14,747	14,470	.....	14	654
5	Weldon	15	2,469	130,110	129,989	.....	.....	2,590
16	Whitlash	39	9,626	18,264	17,880	.....	.....	10,010
1	Whitlash West	1	906	194	47	.....	12	1,041
2	Wills Creek South	2	1,032	7,798	7,756	.....	.....	1,074
7	Wolf Springs	10	4,770	15,767	14,300	.....	.....	6,237
5	Woodrow	6	682	3,173	3,232	.....	.....	623
1	Wildcat, Carbon County	1	1,089	317	.....	338	.....	1,068
1	Wildcat, Glacier County	1	98	275	.....	250	.....	123
1	Wildcat, Richland County	1	1,597	1,420	.....	1,485	.....	1,532
1	Wildcat, Roosevelt County	1	206	94	.....	.....	.....	300
837	Total	3,322	345,817	2,693,356	2,516,339	155,462	1,738	365,634

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
First Quarter, 1967	8,269,076	91,878	8,253,252	91,702
April, 1967	2,693,356	89,778	2,671,801	81,060

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
Decemher, 1966	337,546	1,034,375	584,580	1,956,501
March, 1967	345,817	1,086,767	636,377	2,068,961
April, 1967	365,634	1,189,697	795,954	2,351,285

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF APRIL, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,469				4,469		
BEAR'S DEN—Truck			1,122			1,122			
BIG WALL—Continental Pipeline Co.		29,919				29,919			
BLACKFOOT—									
Camerland Cardinal Corp.		1,685				1,685			
Union Oil Co.			1,038			1,038			
		1,685	1,038			2,723			
BORDER—Truck			2,206				2,206		
BOWES—Texaco		9,481				9,481			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	294,741	817,010	22,756	797,094			1,589,370		342,231
Shell Pipeline Co.	5,998	336,394			1,228			332,698	8,466
	300,739	1,153,404	22,756	797,094	1,228		1,589,370	332,698	350,697
CAT CREEK—									
Continental Pipeline Co.		9,771				9,771			
Truck			3,336			3,336			
		9,771	3,336			13,107			
CLARK'S FORK—Truck			319				319		
CUT BANK—									
Continental Pipeline Co.			17,853	398,053		415,906			
Phillips Petroleum Co.	105,348	63,281		52,916	1,679	118,221			101,645
Texas Pipeline Co.	52,228	83,582		25,422		377		140,364	20,491
Union Oil Co.	60,880	105,739			(54)	91,961			74,712
Western Oil Trans. Co.		36,934						36,934	
Western Oil Trans. (Moulton)		58,579						58,579	
	218,456	348,115	17,853	476,391	1,625	626,465		235,877	196,848
DEVIL'S BASIN—Truck			158			158			
DWYER—Portal Pipeline Co.		22,229					22,229		
ELK BASIN & ELK BASIN NORTH-WEST—Marathan Pipeline Co.		250,376				250,376			
FAIRVIEW—									
Rock Island Oil & Ref. Co.			15,304				15,304		
FLAT COULEE—									
Camerland Cardinal Corp.		17,001				15,306		1,695	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		85,336					85,336		
FRANNIE—Interstate Pipeline Co.		863					863		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	18,689	88,886				32,688		68,055	6,832
GAGE & GAGE S.W.—Truck			248			248			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	4,688	35,043			(436)			32,642	7,525
GOOSE LAKE—Portal Pipeline Co.		56,101					56,101		
IVANHOE—Continental Pipeline Co.		10,599				7,807	2,792		
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		22,938				12,547	10,391		
KELLEY—Continental Pipeline Co.		13,727				13,727			
KEVIN SUNBURST—									
Big West Oil Co.	3,097	20,000				20,000			3,097
Homestake Oil & Gas Co.	510	1,615				1,504			621
Texas Pipeline Co.	10,462	8,781			497			9,275	9,471
	14,069	30,396			497	21,504		9,275	13,189
LODGE GRASS—Truck			2,788			2,788			
MASON LAKE—Continental Pipeline Co.		1,561				1,561			
MELSTONE—Continental Pipeline Co.		2,649				2,649			
MOSSER—Truck			615				615		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			2,422				2,422		
POLE CREEK—Truck			586				586		
PONDERA—Phillips Petroleum Co.	55,570	25,734			671	28,779			51,854
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK, SOUTH & VOLT—									
East Poplar Gathering System	12,178	193,093			(1,764)			191,951†	15,084
RAGGED POINT—									
Continental Pipeline Co.		13,202				1,660	11,542		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,467				2,467		
RED CREEK—									
Western Oil Transportation Co.		31,587						31,587	
RESERVE—Truck			6,981				6,981		
SHOTGUN CREEK—Truck			496				496		
SIDNEY-BRORSON—Truck			2,954					2,954	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			3,024				3,024		
SNYDER—Truck			866			866			
SOAP CREEK—Truck			5,408			5,408			
SPRING LAKE—									
Rock Island Oil & Ref. Co.			1,043				1,043		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	458,898	92,303		311,988	1,161	75,220		243,269	543,539
TULE CREEK—									
Tesoro Petroleum Corp.	3,480		54,930			54,281			4,129
WEED CREEK—									
Continental Pipeline Co.		14,470				14,470			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		18,487				18,487			
WOLF SPRINGS—									
Continental Pipeline Co.		14,300				14,300			
WILDCAT WELLS—Truck			2,073				2,073		
TOTALS	1,086,767	2,593,256	155,462	1,585,473	2,982	1,257,647	1,820,629	1,150,003	1,189,697

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF APRIL, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				29,919						29,919
Bowes			14,516							14,516
Cat Creek		8,185		4,923		2,231				15,339
Cut Bank							118,221		86,452	204,673
Delphia						42				42
Devil's Basin						10				10
Elk Basin		101,155		62,982	86,238					250,375
Flat Coulee									15,306	15,306
Fred & George Creek	32,688									32,688
Gage & Gage S.W.						680				680
Hibbard						89				89
Ivanhoe					7,807					7,807
Keg Coulee		2,252		10,295						12,547
Kelley					13,727					13,727
Kevin Sunburst	21,504									21,504
Lodge Grass		2,788								2,788
Mason Lake		1,561								1,561
Melstone				2,649						2,649
Pondera							28,779			28,779
Ragged Point		862		798						1,660
Red Creek					27,189					27,189
Sand Creek						259				259
Snyder		866								866
Soap Creek		5,408								5,408
Sumatra & Stensvad		15,126		60,094	14,589					89,809
Tule Creek								54,281		54,281
Weed Creek					14,470					14,470
Whitlash	18,487									18,487
Wolf Springs					14,300					14,300
Total Montana Oil	72,679	138,203	14,516	171,660	178,320	3,311	147,000	54,281	101,758	881,728
Canadian Oil Imported		398,053								398,053
Wyoming Oil Imported				331,909	865,251					1,197,160
Total Montana, Canadian & Wyoming Oil	72,679	536,256	14,516	503,569	1,043,571	3,311	147,000	54,281	101,758	2,476,941

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
April, 1966	27,943	11,333	28,547	67,823
April, 1967	29,390	13,269	39,905	82,564

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
	31.78%	14.02%	54.20%
	41.20%	16.71%	42.09%
	35.59%	16.08%	48.33%